INTERNATIONAL SEARCH REPORT

International application No.

PECC): B01D 15/00, 24/18-17 MATTER USCL: 210/675, 189, 269, 269, 289 According to International Patent Chastification system followed by classification symbols) U.S.: 210/675, 189, 268, 269, 283, 284, 287, 289, 291 Minimum documentation searched classification system followed by classification symbols) U.S.: 210/675, 189, 268, 269, 283, 284, 287, 289, 291 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Documentation searched other than minimum documentation of the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No X US 1,993,142 A (IOHNSON) 05 March 1935, entire document. 1-7, 9, 10, 12, 14-16 18-22, 24 and 25 Separation family annex. Therefore the international filing date or priority described or passages of cited documents. **X **Geometric published or passages in the second or specific states of the special completion of passages in the special completion of the international filing date or priority date calcidated and passages in the special completion of the international search **Y **Geometric productivity in the invention cannot be considered to the order special search travence in decident invention cannot be considered to the special search travence in decident invention cannot be considered to the supplication due of an inventive search travence in decident invention cannot be considered t	A. CLASSIFICATION OF SUPPLICATION	PCT/US04/18654
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